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AMENDMENTS TO THE SPECIFICATION:

At page 10, lines 19 – 29, please replace the paragraph as:

Contextual conditions generally encompass non-physiological patient-external or background conditions. Contextual conditions may be broadly defined to include, for example, present environmental conditions such as patient location, ambient temperature, humidity, air pollution index, as well as historical/background conditions relating to the patient, including the patient's normal sleep time and the patient's medical history, for example. Methods and systems for detecting some contextual conditions, including, for example, proximity to bed detection, are described in commonly owned U.S. Patent ~~Application entitled "Methods and Devices for Detection of Context When Addressing A Medical Condition of a Patient," serial number 10/269611, filed October 11, 2002~~No. 7,400,928, which is incorporated by reference herein in its entirety.

At page 12, lines 14 – 19, please replace the paragraph as:

Another implementation of disordered breathing detection, discussed in more detail below, involves detection and analysis of respiratory waveform patterns. Methods and systems for detecting disordered breathing based on respiration patterns are more fully described in commonly owned U.S. Patent ~~Application, Serial Number 10/309,770, filed December 4, 2002, entitled "Detection of Disordered Breathing,"~~No. 7,252,640, which is incorporated herein by reference in its entirety.

At page 13, lines 1 – 8, please replace the paragraph as:

Disordered breathing detection may further involve classifying or otherwise identifying the detected disordered breathing episodes. For example, a patient may have a history of sleep-disordered breathing and the patient's therapy may be directed to mitigating disordered breathing episodes detected during sleep. In this situation, the disordered breathing therapy system may confirm that the patient is asleep before delivering the therapy. A method of sleep detection is described in commonly owned U.S. Patent ~~Application, Serial Number 10/309,771, filed December 4, 2002~~No. 7,189,204, which is incorporated herein by reference in its entirety.

At page 13, lines 9 – 18, please replace the paragraph as:

Classification of sleep state, including classification of rapid eye movement sleep (REM sleep) and non-REM sleep may also be used to enhance sleep detection and/or to determine the duration of various sleep states. The most restful sleep occurs during non-REM sleep states. It may be beneficial to have information regarding the duration of various sleep states to determine the impact of therapy on the quality of sleep experienced by the patient during therapy delivery. Methods and systems involving classifying the patient's sleep state are described in commonly owned U.S. ~~Patent Application entitled "Sleep State Classification," identified by Attorney Docket Number GUID.060PA~~Publication No. 2005/0043652, filed concurrently with this application and incorporated herein by reference.

At page 19, lines 20 – 22, and page 20, lines 1 – 8, please replace the paragraph as:

Because disordered breathing generally occurs during sleep, it may be particularly important to assess sleep quality during disordered breathing therapy delivery. It is undesirable to provide therapy that eliminates the disordered breathing but increases sleep fragmentation. In such a situation, the disordered breathing therapy may exacerbate the adverse effects produced by the respiratory disturbances. Thus, it may be preferable to assess the impact of the therapy on the patient and adjust the therapy to improve sleep quality. Various methods and systems for collecting sleep quality data and evaluating sleep quality are described in a commonly owned U.S. ~~patent application entitled "Sleep Quality Data Collection and Evaluation," identified under Attorney Docket No. GUID.058PA~~Publication No. 2005/0042589, filed concurrently with this application which is hereby incorporated herein by reference in its entirety.

At page 39, lines 17 – 28, and page 40, lines 1 – 2, please replace the paragraph as:

The following commonly owned U.S. Patents Applications, some of which have been identified above, are hereby incorporated by reference in their respective entireties: U.S. Patent ~~Application Serial Number 10/309,770 (Docket Number GUID.064PA), filed December 4, 2002~~No. 7,252,640, U.S. Patent ~~Application Serial Number 10/309,771 (Docket Number GUID.054PA), filed December 4, 2002~~No. 7,189,204, U.S. ~~Patent Application entitled "Sleep~~

~~Quality Data Collection and Evaluation," identified by Docket Number GUID.058PA~~Publication No. 2005/0042589 ~~and~~ concurrently filed with this patent application, U.S. Patent ~~Application entitled "Prediction of Disordered Breathing," identified by Docket Number GUID.088PA~~No. 7,396,333 ~~and~~ filed concurrently with this patent application, U.S. Publication No. 2005/0043652 ~~Patent Application entitled "Sleep State Classification," identified by Docket Number GUID.060PA and~~ filed concurrently with this patent application, and U.S. Patent No. 7,680,537 ~~Application entitled "Therapy Triggered by Prediction of Disordered Breathing," identified by Docket Number GUID.103PA and~~ filed concurrently with this patent application.